

## FIG. 1

1	ACAGAACTGAGGAAAGTCAGAACAAAACAGCTAGACACAAAGAAAAGCAGAAGTGGGCTGTCTCAGAGACTGGCGTCCCGTACAGCTGTGGCTGCC
91	CTGAACCGTGGAGCGTCCAGCCGTGGCTGCCCTGCCGTGACCCGTGTGGAGAAATGACCCAACTGGCCTCAGCTGTGGCTGCC
1	m t q l a s a v w i p
181	ACGCTGTTGCTGCTGCTGCTGTTTTGGCTTCCAGGCTGTGTCCCTCTGCATGGTCCCAGCACCAGACAGGAAGTGTGGGTCAATCC
12	t i i i i i i i f w i p g c v p l h g p s t m t g s v g o s
271	CTGAGTGTGCGTGTCAAGTATGAGGAGAAATTAAAGACTAAGGACAAATACTGGTGCAGAGGGTCACTTAAGGTACTGTGCAAAGATATT
42	L S V S Q Q Y E E K F K T K D K Y W C R G S L K V L C K D I
361	GTCAAGACCAGCAGCTCAGAACAGCTAGGAGTGGCAGAGTGACCATCAGGGACCATCCAGAACACCTCACCTTCACAGTGACCTATGAG
72	V K T S S S E E A R S G R V T I R D H P D N L T F T V T Y E
451	AGCCTCACCCCTGGATGATGCAGACACCTACATGTGCGGTGGATATACCATTTCAATGCCCTTGGGCTCGATAAGTACTTCAG
102	S L T L D D A D T Y M C A V D I P F F N A P L G L D K Y F K
541	ATTGAATTGTCGTTCCAAGTGAGGACCCAGTTCATCTCCAGGACCAACACTAGAGACACCTGTGGTGTCCACCGTCTGCCTACCC
132	I E L S V V P S E D P V S S P G P T L E T P V V S T S L P T
631	AAGGGTCCCGCCCTAGGATCCAACACAGAGGACCGCGTGAGCATGACTATTCCCAGGGCTTGAGGCTCCAGCGCTGTTGTCGTGTTA
162	K G P A L G S N T E D R R E H D Y S Q G L R L P A L L S V L
721	GCTCCCTGCTGTTCTGTTGGGGACATCTGCTGGCCTGGAGGATGTTCCAGAACGGCTGGTCAAAGCTGATAGGCATCCAGAG
192	A L L L F L L V G T S L L A W R M F Q K R L V K A D R H P E
811	CTGTCCCAGAACCTCAGACAGGCTCTGAGCAGAATGAGTGCAGTATGTGAATTGCGAGTCACACGTGGCTCTGAGGGAAAGAGCCG
222	L S Q N L R Q A S E Q N E C O Y V N L Q L H T W S L R E E P
901	GTGCTACCAAGTCAGGTAGAAGTGGGAAATATAGCACATTGGCATTACCCAGGAAGAGCTTCACTATTCAATCCGTGGCATTCAACTCC
252	V L P S Q V E V V E Y S T L A L P Q E E L H Y S S V A F N S
991	CAGAGGCAGGATTCTCACGCCAATGGAGATTCTCTCATCACCTCAGGACAGAACAGTGGAGATCCAGAACAGCCAGAAAA
282	Q R Q D S H A N G D S L H Q P Q D Q K A E Y S E I Q K P R K
1081	GGACTCTGACCTTACCTGTGACTCCTGACCTGACTGGTACTACCAGGTTCAAGGCTCCCTGCTGGCTGCC
312	G L S D L Y L *
1171	TCATGTGTCAGGGCTCACTAAAGATGAGCAGGAGCCAGGGCTCTGGGGCACAGTCTCATCCACTGGCTCTCCTCTT
1261	AGCCTGTATTTGTTCTGCCCTGGGTGTGGAAAGACATCGATGCTGCTTTGGGCTCTGGAAATTGACATGGTCGTATAGAACGGT
1351	ACTTGTGTTAGTTAGCTTGTAGTGTCACTCCAGGAAGAACATCTGTTGACTGGAAAGTGGGGACCCATGAGACTACAAAGGAAGG
1440	GGAGTCATGGAGGTACTAACACCAACTCCTCATCACAGAGAAAAAAACCTAACGCTTGAGGACAAAGCTGGCCGTGGCACCAA
1531	GGTCAGGGGCAAATTCTCTGGACTCATTTTATTTTGTGAGACAGGGTCTCTGTGAGCTTTGGCTGTCTGGCTGCC
1621	ACTCACTCTGTAACCAAGAATGGCCTCAGACTCACAAAGATCTGCCTGCCCTGCCAAAGGTGTGCCACAATGCCTGGCTCTT
1711	GAATTCTTAAGAAAAGATGAAATAAGTTATAATATCTT

## FIG. 2

1	ATGATTCCCAGAGTAATAAGATTGGCTGCCTCAGCTCTGTTCTCTCAGGTCCCAGGCTGTGTCCCCTGCATGGCCCCAGCACT
1	m i p r v i r i w l p s a l f l s q v p g c v p l h g p s t
91	ATCACAGGCCTGTTGGGAATCGCTCAGTGTGTATGTCATAACGAGGAGAAATTCAAGACTAAGGACAAATTCTGGTGCAGAGGTCA
31	I T G A V G E S L S V S C Q Y E E K F K T K D K F W C R G S
181	CTGAAGGTACTCTGAAAGATATTGTCAGAACCCAGCTCAGAAGAAGTTAGGAATGGCCGAGTGACCATCAGGACCATCCAGAAC
61	L K V L C K D I V K T S S S E E V R N G R V T I R D H P D N
271	CTCACCTTCACAGTGACCTATGAGAGCCTCACCTGGAGGATGCAGACACCTACATGTGCGGTGGATATATCACTTTTGTGGCTCC
91	[T] F T V T Y E S L T L E D A D T Y M C A V D I S L F D G S
361	TTGGGGTTCTGATAAGTACTTCAAGATTGAGTTGTCGTGGTCCAAGTGAGGACCCAGTCACAGGTTGAGAGTGGTAGAGAT
121	L G F D K Y F K I E L S V V P S E D P V T G S S L E S G R D
451	ATCCCTGGAAATCCCCCACATCCTCAGTTGGCACACTCATCCCAGTGTGACCAAGATGACACAATTCCCTGCTCCCTGCCCTCAGCCTCGG
151	I L E S P T S S V G H T H P S V T T D D T I P A P C P Q P R
541	TCTCTCGGAGCAGCCTACTTCTGGTCCCTGGTGTCTGAAAGTTGTCCTGAGCATGCTGGTGTCCCTGGGTGAAC
181	S L R S S L Y F W V L V S L K L F L F L S M L G A V L W V N
631	AGGCCTCAGAGGTGCTCTGGGGAAAGCAGCACTCAGCCCTGTTATGAGAACCAAGTGA
211	R P Q R C S G G S S T Q P C Y E N Q *

FIG. 3

TESTIS

KIDNEY

SKELETAL  
MUSCLE

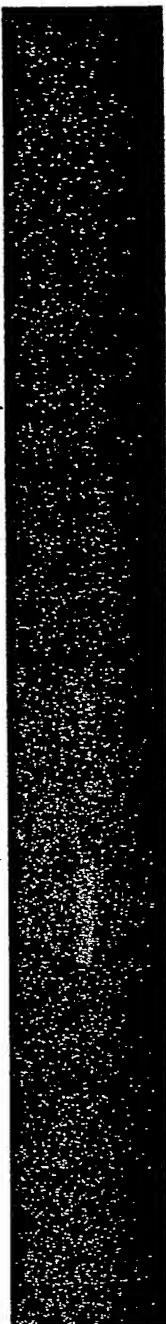
LIVER

LUNG

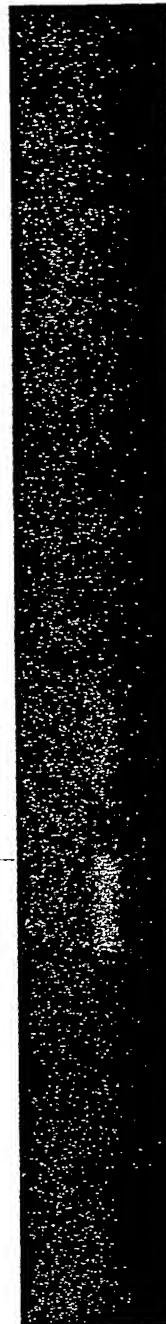
SPLEEN

BRAIN

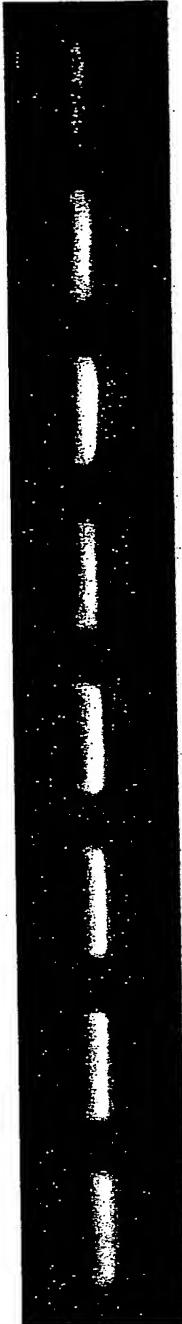
HEART



MC-PIR1

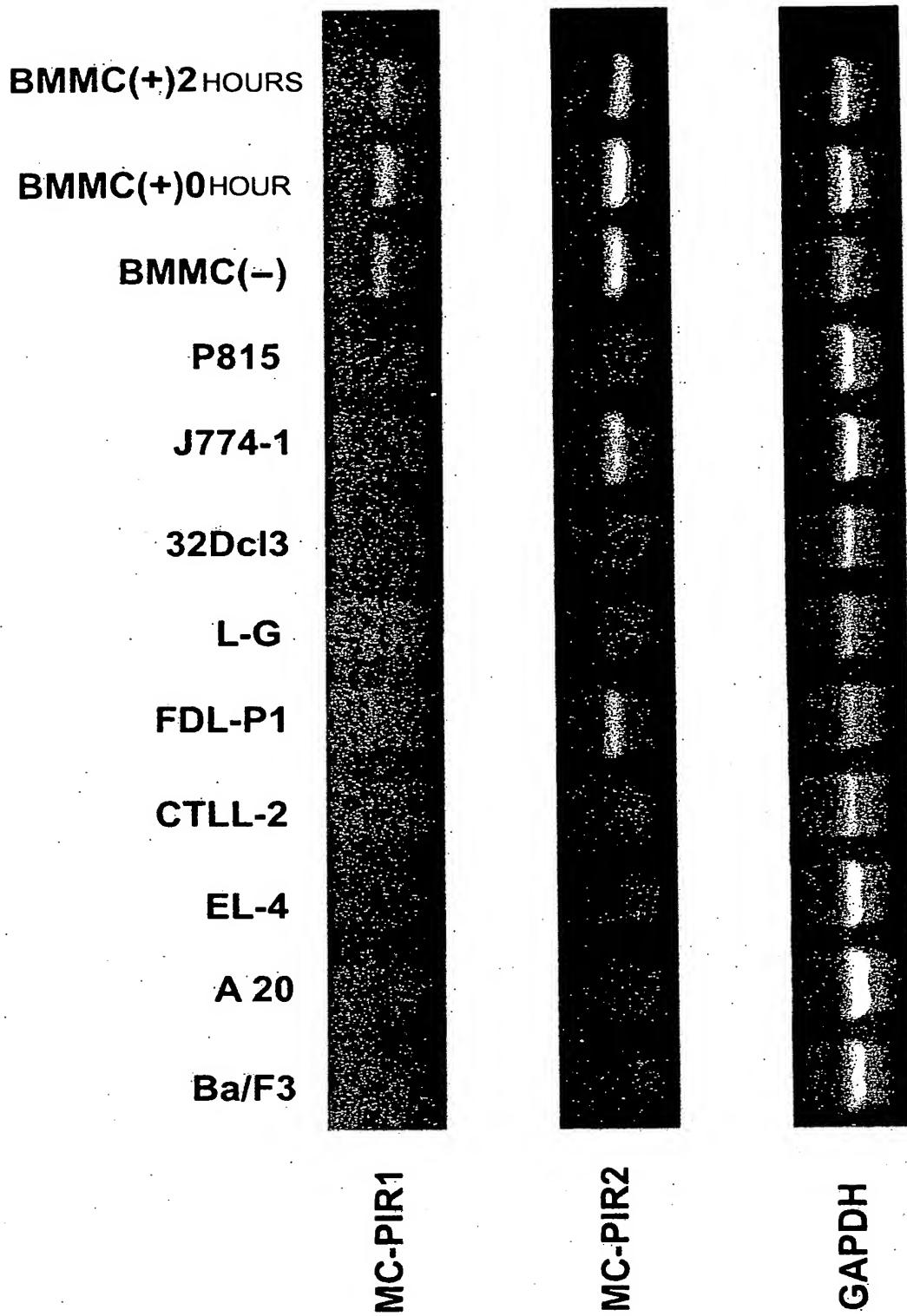


MC-PIR2



GAPDH

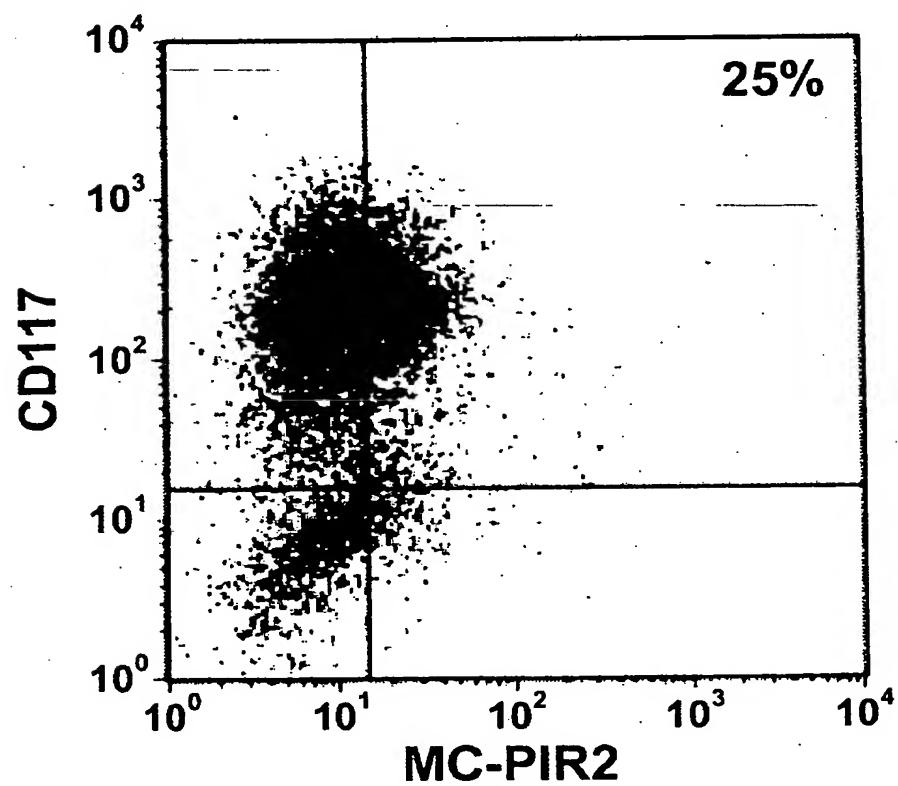
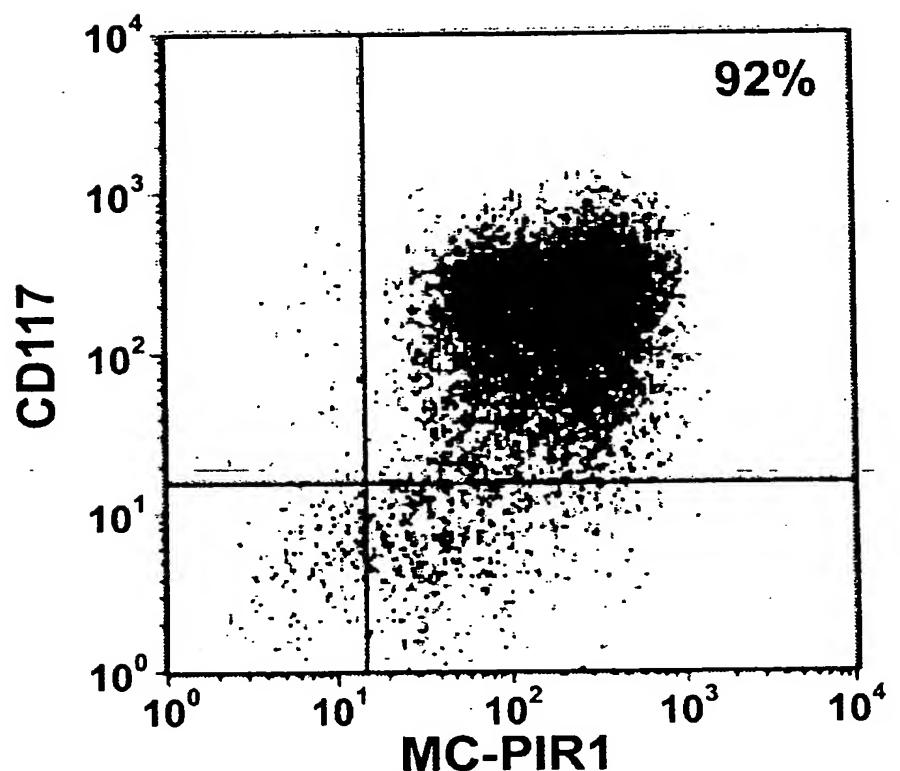
FIG. 4



10/531973

5/9

FIG. 5



10/531973

6/9

FIG. 6

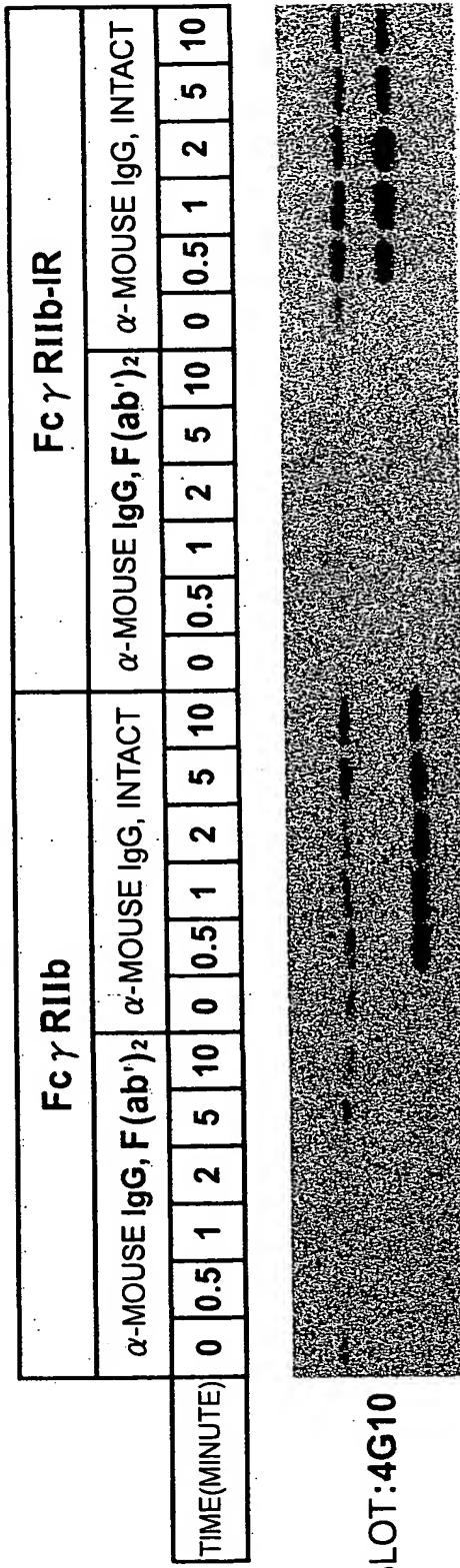


FIG. 7

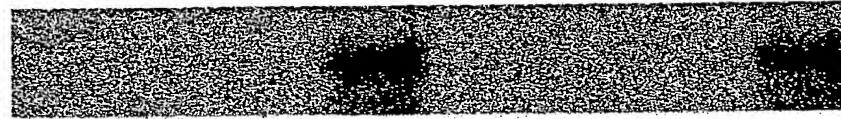
	Fc $\gamma$ RIIb			Fc-PIR1		
$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>	-	+	-	-	+	-
$\alpha$ -MOUSE IgG, INTACT	-	-	+	-	-	+

BLOT:  $\alpha$  SHP-1

	Fc $\gamma$ RIIb			Fc-PIR1		
$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>	-	+	-	-	+	-
$\alpha$ -MOUSE IgG, INTACT	-	-	+	-	-	+

BLOT:  $\alpha$  SHP-2

	Fc $\gamma$ RIIb			Fc-PIR1		
$\alpha$ -MOUSE IgG, F(ab') <sub>2</sub>	-	+	-	-	+	-
$\alpha$ -MOUSE IgG, INTACT	-	-	+	-	-	+

BLOT:  $\alpha$  SHIP

## FIG. 8

IMMUNOPRECIPITATION:  $\alpha$ HA

	MC-PIR2-HA			
MOCK	+	-	-	-
FLAG-DAP10	-	+	-	-
FLAG-DAP12	-	-	+	-
FLAG-FcR $\gamma$	-	-	-	+

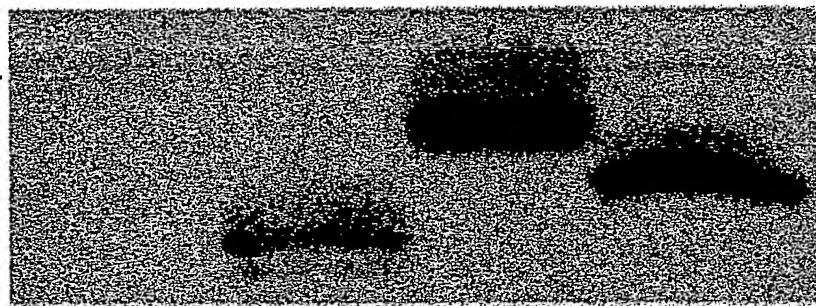
WESTERN BLOT  
:  $\alpha$ FLAG

FIG. 9

